

# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

## Title V Permit Summary

AQMD Facility ID: 112853		Company Name: NP COGEN, INC.																
Equipment Location: 6001 S. EASTERN AVENUE, LOS ANGELES, CALIFORNIA 90040			SIC Code: 4911															
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:																
Application #(s): 511603		Application Submittal Date(s): 06/11/10																
AQMD Contact Person: DOUGLAS GORDON		Phone #: (909) 396- 2683	E-Mail Address: dgordon@aqmd.gov															
Project Description: This is an existing facility, applying for a renewal to their Title V permit. The facility supplies waste heat to a neighboring facility for use in their manufacturing process. The facility also generates electricity which can be used at the facility or sold to the grid. This facility operates one natural gas turbine with a generator and one natural gas internal combustion engine (ICE) with a generator. The gas turbine is currently in a non-operational status. The emissions from the ICE are vented to a selective catalytic reduction system.																		
Permit Type: <input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input checked="" type="checkbox"/> Permit Renewal																		
Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input checked="" type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance																		
Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2009 <div style="float: right;"> <input type="checkbox"/> No TACs Reported  <input checked="" type="checkbox"/> The Following TACs Were Reported: <u>Emissions (lbs/yr):</u>            For TACs reported see next page         </div>																		
Health Risk From Toxic Air Contaminants: <div style="margin-left: 20px;"> <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____  <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401)  <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588)  <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements  <input checked="" type="checkbox"/> AQMD is Tracking Status of Facility under AB2588  <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed  <input type="checkbox"/> Final Facility Health Risk Approved (date) _____            Cancer Risk = _____            Acute Hazard Index = _____            Chronic Hazard Index = _____         </div>																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%;">Criteria Pollutant Emissions</td> <td style="width: 15%;"><input checked="" type="checkbox"/> NOX</td> <td style="width: 15%; text-align: center;">1.0136</td> <td style="width: 15%;"><input checked="" type="checkbox"/> PM</td> <td style="width: 20%; text-align: center;">0.001</td> </tr> <tr> <td>Annual Reported Emissions</td> <td><input checked="" type="checkbox"/> CO</td> <td style="text-align: center;">0.938</td> <td><input checked="" type="checkbox"/> SOX</td> <td style="text-align: center;">0.022</td> </tr> <tr> <td>(tons/year) for Reporting Year: 2009</td> <td><input checked="" type="checkbox"/> VOC</td> <td style="text-align: center;">0.167</td> <td>Other:</td> <td>_____</td> </tr> </table>				Criteria Pollutant Emissions	<input checked="" type="checkbox"/> NOX	1.0136	<input checked="" type="checkbox"/> PM	0.001	Annual Reported Emissions	<input checked="" type="checkbox"/> CO	0.938	<input checked="" type="checkbox"/> SOX	0.022	(tons/year) for Reporting Year: 2009	<input checked="" type="checkbox"/> VOC	0.167	Other:	_____
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Compliance History: <input type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years ( 0 ) <input type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years ( 0 ) <input type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years ( 0 )																		
Comments:																		

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### Toxic Air Contaminants Emissions (TAC) Annual Reported Emissions for Reporting Period 2009

The Following TACs Were Reported	Emissions (lbs/yr)
1,1,2,2-Tetrachloroethane	3.112
1,1,2TRICLETHAN	2.471
1,2,4TRIMEBENZE	1.113
1,2-Dichloropropane {Propylene dichloride}	2.090
1,3-Butadiene	20.748
1,3-Dichloropropene	2.051
2-Methyl naphthalene [PAH, POM]	2.585
ACENAPHTHENE	0.097
ACENAPHTHYLENE	0.430
Acetaldehyde	650.668
Acrolein	399.707
Ammonia	34.097
B[GHI] PERYLENE	0.032
Benzene	34.249
Benzo[b]fluoranthene	0.012
Benzo[e]pyrene [PAH, POM]	0.032
Carbon tetrachloride	2.852
Chloroform	2.219
Chrysene	0.053
ETHYL BENZENE	3.089
Ethylene dibromide	3.447
Ethylene dichloride	1.838
FLUORANTHENE	0.086
FLUORENE	0.440
Formaldehyde	4111.492
HEXANE	86.196
Methanol	194.514
Methylene chloride	1.556
Naphthalene	5.789
PHENANTHRENE	0.808
PYRENE	0.106
Styrene	1.838
Toluene	31.732
Vinyl chloride	1.159
Xylenes	14.340